



eDucation In Arkansas
Technology Assessment
(eD@T@)

LAKE HAMILTON SCHOOL DISTRICT

District LEA Number

2605000

District Address

300 WOLF STREET
PEARCY, AR 71964

Superintendent Name

MR. PAUL STEVEN ANDERSON

County

GARLAND

Network Information

Network	2004	2007/2008	State Avg	National Avg
Number of rooms	153	326	198	NA
Number of rooms with active connections	525	326	192	NA
Percent of rooms with active network connections	343%	100%	97%	94%
Most common type of cable to serve network connection	Category 5E or better 3 Unshielded Twisted Pair	Category 5E or better Unshielded Twisted Pair cable	Category 5E or better Unshielded Twisted Pair cable	NA
Provides wireless for access to the Internet	NA	Yes	82%	45%

District WAN Bandwidth Capacity	2004	2007/2008	State Avg	National Avg
Bandwidth available	18 Mbps	4.6 Mbps	6.06 Mbps	97%
Number of buildings supported per Internet connection	54	25	16	NA
Number of Internet accessible connections	6,510	12	411	NA
Number of students supported by Internet accessible connections	9,951	3,925	1,822	NA
Number of school employees supported by Internet accessible connections	1,000	NR	274	NA

Applications Information

State and Administration Applications	Yes	NO	Percent of Districts in State Utilizing these Tools	Definition
APSCN Pentatamation	X		97%	Financial and Student management applications
Triand	X		95%	Electronic transcript transfer application
Cognos	X		91%	School data financial reports application
Special Education (SEAS)	X		95%	Web based application for Special Education due process
Locally Provided E-mail System	X		99%	E-mail server such as GroupWise or Exchange
Electronic Grade Books	X		91%	Application for automated grade and/or attendance reporting
Electronic Library Applications	X		95%	Provides electronic tracking of book inventory, most provide for automated checkout of books
Electronic Cafeteria Applications	X		76%	Provides electronic tracking of student Free/Reduced/Regular status and student lunch counts
Electronic Bus Route Applications		X	11%	Provides electronic tracking fo bus routes, student bus assignments and mileage
Voice Over Internet Protocol (VOIP)		X	11%	A technology that allows you to make voice calls using a broadband internet connection instead of a regular (or analog) phone line
Online Learning for Staff	X		78%	Web based professional development

Hardware / Software Information

Hardware/Software	Division	Ratio	State Avg	National Avg
Student / Computer	Elementary	NR	4.2:1	4.5:1
	Middle/Jr. High	NR	1.7:1	4.0:1
	High School	NR	2.5:1	3.4:1
Student / CIV lab	All	1,963:1	1,435:1	NA
Student / Interactive White Boards	Elementary	0:1	103:1	NA
	Middle/Jr. High	0:1	37:1	NA
	High School	0:1	59:1	NA
Student / LCD or DLP Projectors	Elementary	0:1	49:1	NA
	Middle/Jr. High	0:1	18:1	NA
	High School	0:1	26:1	NA
Student / Number of Non-Network and/or Non-Windows Devices	Elementary	0:1	72:1	NA
	Middle/Jr. High	0:1	36:1	NA
	High School	0:1	49:1	NA
Student / Number of Hand-held Devices	Elementary	NR	222:1	NA
	Middle/Jr. High	0:1	128:1	NA
	High School	NR	188:1	NA
Staff / Number of Hand-held Devices	Elementary	0:1	26:1	NA
	Middle/Jr. High	0:1	39:1	NA
	High School	0:1	31:1	NA
Reported Electronically with Login Script				
Computer / Server	All	89:1	62:1	65:1
Pre-Windows 2000 Workstations / Windows 2000/XP/Vista	All	0:1	0.02:1	0.6:1
Reported Electronically with Scan Application				
Computers / Network Print Services	All	0.001:1	17:1	4:1 - 14:1
Technical Support Details	2004	2007/2008	State Average	National Average
Primary Technical Support	A full-time computer technician in this district is shared with other LEAs	A full-time computer technician within this district shared with other LEAs	A full-time computer technician within this district shared with other LEAs	NA
Primary Instructional Technical Support	A certified staff member in this district is shared with other LEAs	A certified staff member within this district shared with other LEAs	A certified staff member within this district shared with other LEAs	NA
Technicians / Students	NA	1:981	1:958	1:550
Instructional Technical Support / Staff	NA	NR	1:230	1:418 - 1:11,000
Technical Support Staff	NA	4	1.9	NA
Instructional Support Staff	NA	5	1.2	NA

Classroom Use

Video Conferencing	2004	2007/2008	State Avg	National Avg
Number of video conferencing systems	NA	2	1.3	NA
Percentage of school day that the video equipment is in use	NR	50%	39%	NA
Video conferencing systems used for Elementary Instruction	False	False	8%	NA
Video conferencing systems used for Middle School / Jr. High Instruction	False	False	13%	NA
Video conferencing systems used for High School Instruction	False	True	79%	NA
Video conferencing systems used for Professional development	False	True	33%	NA
Video conferencing systems used for community access	False	False	6%	NA

Classroom Technical Devices	Divison	2004	2007/2008	State Avg	National Avg
Number of interactive white boards (such as Smart Boards)	Elementary	5	32	9.7	24%
	Middle/Jr. High	5	30	7.6	34%
	High School	10	16	9.2	41%
Number of LCD or DLP projectors installed	Elementary	13	40	20.4	NA
	Middle/Jr. High	10	48	15.3	NA
	High School	12	48	20.7	NA
Number of non-Internet accessible or non-Windows devices (PCs, Macintosh computers, printers, peripherals)	Elementary	94	135	13.8	20%
	Middle/Jr. High	43	110	7.8	
	High School	27	165	11.1	
Number of hand-held devices for staff (a small hand-held computer like a PDA or an iPod)	Elementary	NA	5	2.2	NA
	Middle/Jr. High	NA	5	1.2	NA
	High School	NA	10	1.8	NA
Number of hand-held devices for students (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	4.5	NA
	Middle/Jr. High	NA	10	2.2	NA
	High School	NA	0	2.9	NA

Classroom Use (cont.)

Student Online Learning (e-Learning)	2004	2007/2008	# of Schools Using (out of 1,102)
EAST Lab	True	True	146
ADE / AETN United Learning / Streaming Video Project	True	False	818
Web-based classes	NA	False	139
ExploreNet	False	False	13
AETN IDEAS	NA	False	368
ADEDLC - Arkansas Department of Education's Distance Learning System	NA	True	148
DCDL - Dawson Center for Distance Learning	NA	False	36
Compressed Interactive Video (CIV)	NA	False	201
Cisco Academy	NA	False	12
Oracle Academy	NA	True	6
ASMSA Office of Distance Learning	NA	False	67
NORMES	True	NA	NA
Virtual High School (AVHS)	False	True	93
Traveler Online Database Project	NA	True	250

Computer Home Access Programs	YES	NO	Percent of Districts in State Utilizing a Home Access Program
Provide a loan out program		X	6.35 %
Provide a purchase Program		X	1.98 %

e-Learning or Distance Education & Video Streaming	2007/2008	State Average	National Average
e-Learning or Distance Education Statistics	0.78%	29%	21%
Video Streaming Statistics	0.00%	79%	33%